



Piston air machine suitable for construction projects

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Aipu
- Model Number: KA
- Minimum Order Quantity: 1PC
- Price: negotiable
- Packaging Details: container
- Delivery Time: 10
- Payment Terms: tt
- Supply Ability: 10000t/y



Product Specification

- Exhaust Pressure: 0.8-1.25Mpa
- Displacement: 0.3-3m³/min
- Type: KA Piston Air Compressor
- Power Source: Electric
- Motor Power: 2.2-22kW

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Product Description

Product Description:

The KA series piston air compressor (also known as reciprocating air compressor) is an industrial grade aerodynamic solution that integrates mature technology, robust structure, and high efficiency and stability. This series of products inherits decades of heavy manufacturing experience from Kaishan Group and is designed specifically for small and medium-sized factories, auto repair services, construction sites, and various work environments that require continuous and reliable gas sources. The KA series has become a benchmark product in the traditional piston engine market due to its excellent durability, easy maintenance, and high cost-effectiveness.

Core advantages:

Strongly power-driven and big air end with design, the air compressor owns bigger and heavier main parts than other products in the same trade with better selection and sufficient using of materials especially with main fittings. In addition, it is more suitable to be applied in the continuous operation under heavy load for long working time with higher reliability and longer lifespan.

Special designed is made in heat emission and air flow, which leads to low air-output temperature and low possibility of carbon deposit.

Composite ring valve is adopted in design, with the valve plate made of stainless steel from Sweden and the spring of valve block made of special spring steel wire from Japan with no bending motion in operation, the valve processes excellent property and ideal lifespan index.

The piston ring imported from Japan is introduced in designing piston ring, which is durable and sealable.

Crankshaft undergoes high-frequency hardening, which enables it especially abrasion-proof.

Some relevant working units are received precision balance, which makes it more stable with lower noise.

Special oil separation construction is built inside the front end jacket, so no oil vents from the breather valve, which ensures low oil consumption and cleanliness of machine body.

The core of air filter is made of imported filter paper, which acts well in filtering and absorbing noise.

With rational design in the flaring angle of copper socket pipe and protecting jacket, it avoids cracking and air leaking.

Pressure switch, contactor unit and thermorelay are imported with famous brands as "schneider" to ensure the reliability in control and protection.

There are four types available in controlling air flow as automatically electric controlled, automatically air controlled, electric and air controlled (manually switch and intelligent two-way controlled one, which cater to different demands of customers).

If the air delivery condition is complex, the intelligent controller is recommended to be installed, which is a device that can switch automatically between two different modes as electric or air controlled when feeling the condition of air delivery. In addition, it also has memory that can memorize your habit of using air and enter into the corresponding controlling mode. If your habit changes, it will adapt to it. With the help of it, it is electricity-saving, convenient and also prolongs the working lifespan of air compressor.

Product Selection Table:

No.	Model	Power Hp/kw	Cylinder DIA × QTY	Displacement m ³ /min	Maximum pressure Mpa	Air tank m ³	Dimensional size Length × Width × Height	Weight kg
1	KA-20	30/22	LP Φ155×2 HP Φ120×1	3	0.8 (8)	0.45	1850×850×1500	700
2	KA-25	25/18.5	LP Φ155×2 HP Φ120×1	2.5	0.8 (8)	0.45	1850×850×1500	700
3	KA-20	20/15	Φ120×3	2	0.8 (8)	0.35	1800×800×1400	600
4	KA-15	15/11	Φ120×3	1.51	0.8 (8)	0.3	1635×700×1350	500
5	KA-10	10/7.5	Φ100×3	1	0.8 (8)	0.23	1600×650×1200	400
6	KA-7.5	7.5/5.5	Φ100×2	0.67	0.8 (8)	0.18	1368×560×1050	300
7	KA-5.5	5.5/4	Φ80×3	0.52	0.8 (8)	0.18	1425×560×1011	250
8	KA-4	4/3	Φ80×2	0.4	0.8 (8)	0.13	1310×500×960	160
9	KA-3	3/2.2	Φ80×2	0.3	0.8 (8)	0.13	1310×500×960	150
10	KAH-20	30/22	LP Φ155×2 HP Φ120×1	2.5	1.25 (12.5)	0.45	1850×850×1500	730
11	KAH-25	25/18.5	LP Φ155×2 HP Φ120×1	2.0	1.25 (12.5)	0.45	1850×850×1500	700
12	KAH-20	20/15	LP Φ120×2 HP Φ100×1	1.6	1.25 (12.5)	0.35	1800×800×1400	630
13	KAH-15	15/11	LP Φ120×2 HP Φ100×1	1.22	1.25 (12.5)	0.3	1635×670×1350	520
14	KAH-10	10/7.5	LP Φ100×2 HP Φ80×1	0.84	1.25 (12.5)	0.23	1600×650×1200	420
15	KAH-7.5	7.5/5.5	LP Φ100×2 HP Φ80×1	0.65	1.25 (12.5)	0.2	1490×560×1050	370
16	KAH-5.5	5.5/4	LP Φ80×2 HP Φ65×1	0.45	1.25 (12.5)	0.18	1425×560×1050	260

Applications:

Automotive service industry: tire inflation, air cannon disassembly and assembly, painting and spraying, vehicle cleaning.

Small scale manufacturing and processing: pneumatic tools (such as nail guns, grinders, impact wrenches), machine tool clamping, blowing and cleaning.

Construction projects: wall spraying, cement spraying, small pneumatic machinery.

Chemical and Light Industry: Material Handling, Packaging Machinery, Process Control.

Other fields: agricultural spray, fishery oxygen supply, DIY workshops, etc.

The core value brought to customers:

Significant energy-saving benefits: It is the first choice for customers to carry out energy-saving renovation or new construction projects of air compression stations, with a short investment return period.

Stable and reliable gas source: ensuring the continuity of the production process and the stability of product quality.

Reduce maintenance costs: Better operating conditions and intelligent monitoring have reduced failure rates and component losses.

Green environmental protection: reducing carbon emissions, in line with the national policy orientation of energy conservation and emission reduction.

Support and Services:

The KA series piston air compressor is a classic product that has been validated in the market for a long time. It may not have the extremely high energy efficiency regulation like variable frequency screw machines, but its outstanding features of simple structure, sturdy durability, and low purchase and maintenance costs make it still the most economical and practical choice in many industrial application scenarios. Choosing the KA series means choosing a durable and reliable industrial power guarantee.

Packing and Shipping:

Product Packaging:

The Piston air compressor comes in a sturdy cardboard box with the product image and specifications printed on the outside. Inside, the product is securely packaged with foam inserts to prevent any damage during transportation.

Shipping:

We provide transportation services for Piston air compressors worldwide. Our standard shipping time is 3-5 business days. For expedited shipping, please contact our customer service team. We ship via trusted carriers such as UPS, FedEx, and USPS and provide a tracking number for your convenience.

FAQ:

Q: What is the brand name of this product?

A: The brand name of this product is Aipu.

Q: What is the model number of this product?

A: The model number of this product is Piston air compressor.

Q: Where is this product made?

A: This product is made in China.

Q: Does this product have any certifications?

A: Yes, this product is certified by CE, UL.

Q: What is the minimum order quantity for this product?

A: The minimum order quantity for this product is 1pc.

Q: Is the price of this product negotiable?

A: Yes, the price of this product is negotiable.

Q: What is the packaging details for this product?

A: The packaging details for this product is container.

Q: How long is the delivery time for this product?

A: The delivery time for this product is 10 days.

Q: What are the payment terms for this product?

A: The payment terms for this product is TT.

Q: What is the supply ability of this product?

A: The supply ability of this product is 10000t/y.



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